Land Classification Interpretations

Prime and Important Farmland

Prime farmland is land that has the best combination of physical and chemical characteristics for producing food, feed, forage, fiber, and oilseed crops, and is also available for these uses (the land could be cropland, pastureland, forest land, or other land, but not urban built-up land or water). It has the soil quality, growing season, and moisture supply needed to economically produce sustained high yields of crops when treated and managed, including water management, according to acceptable farming methods.

In general, prime farmlands have an adequate and dependable water supply from precipitation or irrigation, a favorable temperature and growing season, acceptable acidity or alkalinity, acceptable salt content, and few or no rocks. They are permeable to water and air. Prime farmlands are not excessively erodible or saturated with water for a long period of time, and they either do not flood frequently or are protected from flooding.

This section includes lists of soil survey map units that meet the soil requirements for prime farmland in the county and state. Soils that have limitations, such as a high water table or flooding, may qualify as prime farmland if these limitations are overcome by such measures as drainage or flood control. State important soils are also noted.

This subsection includes:

- **(a) County Prime Farmland List**
- **(b) Missouri's Soil Survey Mapping Units Denoting Prime Farmland and Farmland of Statewide Importance**

Cape Girardeau, Mississippi and Scott Counties, Missouri
Prime Farmland

(Only the soils considered prime farmland are listed. Urban or built-up areas of the soils listed are not considered prime farmland. If a soil is prime farmland only under certain conditions, the conditions are specified in parentheses after the soil name.)

Map symbol	Soil name
12A	Elsah silt loam, 0 to 3 percent slopes, frequently flooded (Prime farmland if protected from flooding or not frequently flooded during the growing season)
13	Haymond silt loam, channeled (Prime farmland if protected from flooding or not frequently flooded during the growing season)
15B	Iva silt loam, 2 to 6 percent slopes
16B	Menfro silt loam, 2 to 5 percent slopes
22	Wilbur silt loam, frequently flooded (Prime farmland if protected from flooding or not frequently flooded during the growing season)
23	Wakeland silt loam, frequently flooded (Prime farmland if protected from flooding or not frequently flooded during the growing season)
31	Adler silt loam, rarely flooded
33	Alligator silty clay, rarely flooded (Prime farmland if drained)
34	Beulah fine sandy loam
36	Bosket fine sandy loam
37A	Bowdre silty clay loam, 0 to 3 percent slopes, rarely flooded (Prime farmland if protected from flooding or not frequently flooded during the growing season)
38A	Broseley loamy fine sand, 0 to 3 percent slopes
39	Cairo silty clay, frequently flooded (Prime farmland if drained)
41A	Caruthersville very fine sandy loam, 0 to 3 percent slopes, rarely flooded
42	Commerce silty clay loam, rarely flooded
43	Cooter silty clay loam, occasionally flooded
46	Dubbs silt loam
47	Dundee silt loam
48	Farrenburg fine sandy loam, rarely flooded
49	Jackport silty clay loam, rarely flooded (Prime farmland if drained)
50	Lilbourn fine sandy loam, rarely flooded
52B	Memphis silt loam, 2 to 5 percent slopes
53	Mhoon silt loam, rarely flooded (Prime farmland if drained)
54	Reelfoot silt loam, rarely flooded
55	Roellen silty clay, rarely flooded (Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season)

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Prime Farmland

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Map symbol	Soil name
58	Sharkey silty clay, rarely flooded (Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season)
59	Sharkey silty clay loam, rarely flooded (Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season)
60	Sharkey-Steele complex (Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season)
61	Sikeston loam, frequently flooded (Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season)
63	Tiptonville silt loam, rarely flooded
64	Towosahgy fine sandy loam, rarely flooded
65	Tunica silty clay loam, rarely flooded (Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season)
66	Wardell loam, rarely flooded (Prime farmland if drained)
70	Falaya silt loam, occasionally flooded